

# Owyhee Field Office AML Closures Descriptions

## Idaho Abandoned Mines Team

P. Barbarick, April 7, 2014

The following closure descriptions are for all known AML hazardous mine openings located in the Owyhee Field Office area.

Standard closure protocol:

- Access sites on Owyhee FO approved routes only
- Welding in areas free from vegetation, or with welding blanket protection to prohibit wildfire
- Multiple fire extinguishers readily available during site work

### **AML Feature and Remediation Description:**

**1. AML Feature:** Home Claim Mine S1 Shaft

**Remediation Description:** Plug with polyurethane foam (PUF). Step 1) Owyhee FO determines if headframe is to be stabilized or demolished, 2) determine if feasible to stabilize concrete/headframe, 3) stabilize or demolish headframe, 4) PUF and place 24" minimum cap on PUF comprised of waste rock dump material adjacent to collar. Excavator will be used. No previously undisturbed ground will be disturbed.

**2. AML Feature:** Potosi S1 Shaft

**Remediation Description:** Backfill shaft with dirt and rock from adjacent waste rock dump. Excavator and bulldozer will be used. No previously undisturbed ground will be disturbed.

**3. AML Feature:** Potosi A1 Adit

**Remediation Description:** Replace existing bat-grate-culvert (BGC) with 4'x20' BGC and backfill with adjacent waste rock dump rock material. Excavator will be used. No previously undisturbed ground will be disturbed.

**4. AML Feature:** Carson District #100 S1 Shaft

**Remediation Description:** Plug with PUF. Place a 24" minimum dirt and rock cap on PUF plug by hand, using material adjacent to the portal. Supplies will be backpacked to site from the Silver City BLM campground. Less than 30 square feet of previously undisturbed ground will be disturbed.

**5. AML Feature:** Carson District #100 S2 Shaft

**Remediation Description:** Plug with PUF. Place a 24" minimum dirt and rock cap on PUF plug by hand, using material adjacent to the portal. Supplies will be backpacked to site from the Silver City BLM campground. Less than 30 square feet of previously undisturbed ground will be disturbed.

**6. AML Feature:** Carson District #99 S1 Shaft

**Remediation Description:** Plug with PUF. Place a 24" minimum dirt and rock cap on PUF plug by hand, using material adjacent to the portal. Supplies will be backpacked to site from the Silver City BLM campground. Less than 30 square feet of previously undisturbed ground will be disturbed.

**7. AML Feature:** Carson District #99 A2 Adit

**Remediation Description:** Plug with PUF. Place a 24" minimum dirt and rock cap on PUF plug by hand, using material adjacent to the portal. Supplies will be backpacked to site from the Silver City BLM campground. Less than 30 square feet of previously undisturbed ground will be disturbed.

**8. AML Feature:** Pioneer Cemetery Adit

**Remediation Description:** Plug with PUF. Place a 24" minimum dirt and rock cap on PUF plug by hand, using material adjacent to the portal. Supplies will be backpacked to site from the cemetery road. Less than 20 square feet of previously undisturbed ground will be disturbed.

**9. AML Feature:** Home Claim Mine A1 Adit

**Remediation Description:** Replace double BGC with a metal bat grate. No ground disturbance will occur.

**10. AML Feature:** Water Tank Shaft

**Remediation Description:** Backfill with waste rock dump material. Excavator will be used. No previously undisturbed ground will be disturbed.

**11. AML Feature:** Carson District #99 A1 Adit

**Remediation Description:** Plug with PUF. Place a 24" minimum dirt and rock cap on PUF plug by hand, using material adjacent to the portal. Supplies will be backpacked to site from the Silver City BLM campground. Less than 30 square feet of previously undisturbed ground will be disturbed.

**12. AML Feature:** Carson District #103 S1 Shaft

**Remediation Description:** Backfill with adjacent waste rock dump material and dirt and rock adjacent to mine opening. Bulldozer will be used. Approximately 400 square feet of previously undisturbed ground will be disturbed.

**13. AML Feature:** Carson District #103 S2 Shaft

**Remediation Description:** Backfill with adjacent waste rock dump material and dirt and rock adjacent to mine opening. Bulldozer will be used. Approximately 400 square feet of previously undisturbed ground will be disturbed.

**14. AML Feature:** Dernier Resort A1 Adit

**Remediation Description:** Install 4'x20' BGC and backfill with adjacent waste rock dump material and dirt and rock adjacent to mine opening. Backhoe will be used.. Approximately 200 square feet of previously undisturbed ground will be disturbed.

**15. AML Feature:** 1885 Red Jacket Shaft

**Remediation Description:** Backfill with adjacent waste rock dump material. Bulldozer will be used. No previously undisturbed ground will be disturbed.

**16. AML Feature:** San Juan Mine Workings O2 Stope

**Remediation Description:** Backfill with adjacent waste rock dump material and dirt and rock adjacent to mine opening. Bulldozer will be used. Approximately 400 square feet of previously undisturbed ground will be disturbed.

**17. AML Feature:** San Juan Mine Workings A4 Adit

**Remediation Description:** Backfill with adjacent waste rock dump material and dirt and rock adjacent to mine opening. Bulldozer will be used. Approximately 400 square feet of previously undisturbed ground will be disturbed.